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Serial Number: 10/691,031 Date: February 7, 2005  
Filing Date: 10/22/2003  
Applicant(s): Edward Z. Cai  
Appn. Title: Fluid Delivery System for Generating Pressurized Hot Water Pulses  
Group Art Unit: Art Unit 1761

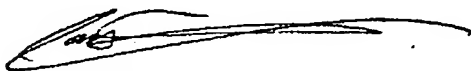
Commissioner for Patents  
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Dear Madam/Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97 AND 1.98**

Pursuant to applicant's duty of disclosure required under 37 C.F.R. §§ 1.56, applicant is submitting this information disclosure statement under 37 C.F.R. §§ 1.79 and 1.98 to bring to the attention of the U.S. Patent and Trademark Office the following references listed in Sheets 1/4 to 4/4. The listing of any reference or the submission of a copy of any reference shall not be deemed as an admission that the listed or submitted reference is prior art for this application.

Respectfully submitted,



Edward Z. CAI, Ph.D.  
360-833-822 (Home) or 360-260-0807 (office)

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I hereby certify that this correspondence is deposited with the United States Postal service as Express mail with proper postage affixed in envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on February 7, 2005.



Edward Z. Cai, Ph.D.

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. CAI-0508200D1		SERIAL NO. 10/691,031	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Edward Z. Cai		FILING DATE 10/22/2003	
				GROUP 1761			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		2783704	12/15/51	Liebett			
AB		3405630	10/15/68	Weber III			
AC		4083295	04/11/78	Hollingsworth			
AD		4158330	06/19/79	Vitous			
AE		4287817	09/08/81	Moskowitz, et al.			
AF		4431385	02/14/84	O'Hare			
AG		4457217	07/03/84	Ogawa			
AH		4479421	10/30/84	Sanvitale			
AI		4565121	01/21/86	Ohya, et al.			
AJ		4634838	01/06/87	Berz			
AK		4644855	02/24/87	Borgmann			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AL							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
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EXAMINER				DATE CONSIDERED			
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USCOMM-OC 10-1945

FORM PTO-1449 (REV. 7-90)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>CAI-050820001</b>		SERIAL NO. <b>10/691,031</b>	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT <b>Edward Z. Cai</b>			
				FILING DATE <b>10/22/2003</b>		GROUP <b>1761</b>	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4 6 6 0 4 6 6	04/28/87	Fries et al.			
	AB	4 7 4 1 2 6 0	05/03/88	Boliver			
	AC	4 7 6 0 7 7 4	08/02/88	Lin			
	AD	4 8 0 0 8 0 5	04/31/89	Mahlich et al.			
	AE	4 8 5 2 4 7 4	08/01/89	Mahlich et al.			
	AF	4 8 8 2 9 8 2	11/28/89	Mutton;			
	AG	4 8 8 2 9 8 3	11/28/89	Pastrick			
	AH	4 9 6 0 0 4 2	10/02/90	Gross;			
	AI	5 0 2 7 6 9 6	07/02/91	Antonini			
	AJ	5 1 1 5 7 3 0	05/26/92	Gockelmann			
	AK	5 1 5 4 1 1 0	10/13/92	Chang			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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EXAMINER				DATE CONSIDERED			
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USCOMM-OC 80-1042

FORM PTO-1449 (REV. 7-00)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>CAI-0508200D1</b>		SERIAL NO. <b>10/691,031</b>	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				APPLICANT <b>Edward Z. Cai</b>		FILING DATE <b>10/22/2003</b>	
				GROUP <b>1761</b>			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		5200221	04/06/92	Knepler			
AB		5267506	12/07/93	Cai			
AC		5330266	07/19/94	Stubaugh			
AD		5367607	11/22/94	Hufnagel, et al.			
AE		5357848	10/25/94	Eugster, et al.			
AF		5531152	07/19/96	Gardosi			
AG		5638740	06/17/97	Cai			
AH		5662459	09/02/97	Nawby			
AI		5738002	04/14/98	Marano-Ducarne			
AJ		5747782	05/05/98	Orrico, et al.			
AK		5768981	06/23/98	Cicchetti			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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FORM PT0-1449 REV. 7-98		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>CAI-0508200D1</b>		SERIAL NO. <b>10/691,031</b>	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT <b>Edward Z. Cai</b>		FILING DATE <b>10/22/2003</b>	
				GROUP <b>1761</b>			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		57691135	06/23/98	Mehlich			
AB		5800707	09/d/98	Mehnert			
AC		5862740	01/26/99	Grossi			
AD		5943472	08/1999	Charles et al.			
AE		5992298	11/30/99	Illy, et al.			
AF		6026733	02/22/00	Orrico, et al.			
AG		6148717	11/2000	Lassota			
AH		6261447	07/17/01	Van Herle, et al.			
AI		6405637	06/18/02	Cai			
AI		6536379	03/25/03	Liu			
AK							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AL							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
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USCOMM-OC 10-1115